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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. TOW-031

First Inventor Hiroshi Akita

Title PROTON CONDUCTIVE SOLID POLYMER
ELECTROLYTE AND METHOD FOR PRODUCING
THE SAME

Express Mail Label No. EV 354 228 409 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i> | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 40] | a. <input type="checkbox"/> Computer Readable Form (CRF) |
| (preferred arrangement set forth below) | |
| <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3] | b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper |
| 5. Oath or Declaration [Total Sheets 6] | c. <input type="checkbox"/> Statements verifying identity of above copies |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy) | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | 11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: | |
| <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ | |
| Prior application information: Examiner _____ Art Unit: _____ | |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | |

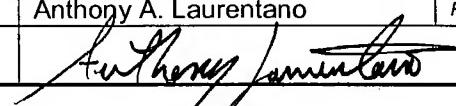
19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

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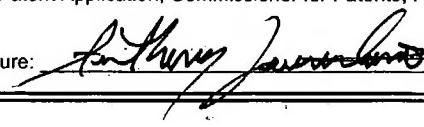
or Correspondence address below

| | | | | | |
|---------|--|-----------|----------------|----------|--------------------|
| Name | LAHIVE & COCKFIELD, LLP Anthony A. Laurentano | | | | |
| Address | 28 State Street | | | | |
| City | Boston | State | MA | Zip Code | 02109 |
| Country | US | Telephone | (617) 227-7400 | | Fax (617) 742-4214 |

| | | | |
|-------------------|---|-----------------------------------|--------------------|
| Name (Print/Type) | Anthony A. Laurentano | Registration No. (Attorney/Agent) | 38,220 |
| Signature |  | | Date July 18, 2003 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354 228 409 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 18, 2003

Signature: 

(Anthony A. Laurentano)

22002 10/623064
07/18/03

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | NEW APPLICATION |
| Filing Date | Concurrently Herewith |
| First Named Inventor | Hiroshi Akita |
| Examiner Name | Not Yet Assigned |
| Art Unit | N/A |
| Attorney Docket No. | TOW-031 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number 12-0080

Deposit Account Name Lahive & Cockfield, LLP

The Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|-----------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 Surcharge – late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge – late provisional filing fee or cover sheet. |
| 1053 | 130 | 1053 | 130 Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination |
| 1804 | 920* | 1804 | 920* Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840* Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within first month |
| 1252 | 410 | 2252 | 205 Extension for reply within second month |
| 1253 | 930 | 2253 | 465 Extension for reply within third month |
| 1254 | 1,450 | 2254 | 725 Extension for reply within fourth month |
| 1255 | 1,970 | 2255 | 985 Extension for reply within fifth month |
| 1401 | 320 | 2401 | 160 Notice of Appeal |
| 1402 | 320 | 2402 | 160 Filing a brief in support of an appeal |
| 1403 | 280 | 2403 | 140 Request for oral hearing |
| 1451 | 1,510 | 1451 | 1,510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 Petition to revive – unavoidable |
| 1453 | 1,300 | 2453 | 650 Petition to revive - unintentional |
| 1501 | 1,300 | 2501 | 650 Utility issue fee (or reissue) |
| 1502 | 470 | 2502 | 235 Design issue fee |
| 1503 | 630 | 2503 | 315 Plant issue fee |
| 1460 | 130 | 1460 | 130 Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) |
| 1809 | 750 | 2809 | 375 Filing a submission after final rejection (37 CFR 1.129(a)) |
| 1810 | 750 | 2810 | 375 For each additional invention to be examined (37CFR 1.129(b)) |
| 1801 | 750 | 2801 | 375 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| Other fee (specify) | | | |

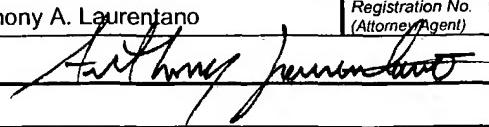
SUBTOTAL (2) (\$ 0.00)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

** or number previously paid, if greater; For Reissues, see above

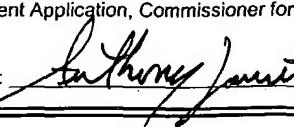
SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Anthony A. Laurentano | Registration No. (Attorney/Agent) | 38,220 | Telephone | (617) 227-7400 |
| Signature |  | | | Date | July 18, 2003 |

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Dated: July 18, 2003

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(Anthony A. Laurentano)